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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Attorney Docket Number 4940/1D DECLARATION FOR UTILITY OR Vivian Pecus et al. First Named Inventor DESIGN COMPLETE IF KNOWN PATENT APPLICATION (37 CFR 1.63) **Application Number** To be assigned Concurrently Herewith Filing Date ☑ Declaration ☐ Declaration To be assigned OR Submitted after Initial Submitted Group Art Unit Filing (surcharge (37 CFR 1.16 (e)) required) with Initial To be assigned **Examiner Name** Filing

As a below named inventor	, I hereby declare that:										
My residence, post office add	ress, and citizenship are	as stated below next to my	name.								
	subject matter which is NODE FOR SIMU		tent is sought on ON DEMA	the invention entitled: ND AND LIVE							
the specification of which is attached hereto	is attached hereto OR										
OR was filed on (MM/DD/YYYY) as United States Application Number or PCT International											
Application Number and was amended on (MM/DD/YYYY) (if applicable).											
I hereby state that I have revie	Application Number and was amended on (MM/DD/YYYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as										
, ,	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.										
I acknowledge the duty to disc	I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.										
certificate, or 365(a) of any PC	T international application also identified below, by	on which designated at lea	ast one country of	ation(s) for patent or inventor's other than the United States of r patent or inventor's certificate, ority is claimed.							
Prior Foreign Application	Country	Foreign Filing Date	Priority Not Claimed	Certified Copy Attached?							
Number(s)	Country	(MM/DD/YYYY)	Not Claimed	YES NO							
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Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:											
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.											
Application Number(s)		e (MM/DD/YYYY)									
50/275,779	March	า 13, 2001	X Additio	onal provisional application							
60/275,780 -	March	n 13, 2001		ers are listed on a							
60/275,781	March	n 13, 2001		emental priority data sheet							
60/275.782			PTO/S	BB/02B attached hereto.							
60/275.783	60/2/5,/82 March 13, 2001										

	PTO/SB/01 (12-97)
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United States of United States of Information white	I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.												
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	Seth H. Ostrow 37,410 Ralph F. Hoppin 38,494												
		G. Maher	- 1			712	İ		tthew J.	•			,997
David Loewenstein 35,591 Katrine A. Levin 41,941													
Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.													
Direct all corre	rect all correspondence to: Customer Number or Bar Code Label												
Name						Fre	derick	Yu					
Address			Br	own Ra	aysr	nan Mill	stein F	elde	er & Stei	ner LLP			
Address						900 TI	nird Av	enu	e				
City		Ne	w Yo	ork			State		NY	ZIP		10022	
Country		USA		Telep	hone	(2	12) 89	5-20	000	Fax	(212) 895-2	2900
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Name of Sc	ole or F	irst Inventor:					☐ A pe	tition	has been	filed for t	his u	ınsigned inve	ntor
Giv	ven Nar	ne (first and mide	lle (if a	any])					Famil	y Name o		mame	
Inventor's		Vivian I				l				PECL	72		
Signature		Date											
Residence: C	ity	Falls Ch	urch	Sta	te	VA Country USA Citizenship					USA		
Post Office Address 3731 B Madison Lane													
Post Office A	ddress											·	
City		Falls Church s	tate	VA		ZIP		220	41	Count	ry	us	Α
X Additional	invento	rs are being nam	ed on	the 2	sup	plemental	Addition	al In	ventor(s)	sheet(s) F	 TO/	SB/02A attac	hed hereto

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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 2

Name of Addition	al Joint Inventor, if any	<i>y</i> :		0	A petition	has been file	d for th	is unsign	ed inve	entor
Given Nan	ne (first and middle [if any])					Family Nar	ne or S	Surname		
	Christopher		BENDEN							
Inventor's Signature								Date		
Residence: City	Woodford	State	VA	\	Country	USA		Citizens	hip	USA
Post Office Address	····		8468	Guin	ea Sta	tion Road				
Post Office Address										<u>.</u>
City	Woodford State VA ZIP 2					22580	Countr	<u>y</u>	US	Α
Name of Addition	al Joint Inventor, if any	y:			A petition	has been file	d for th	nis unsign	ed inv	entor
Given Nan	ne (first and middle [if any])					Family Na	ne or S	Surname		
	David L.					В	ULLC	CK		
Inventor's Signature		Date								
Residence: City	Conyers	State	GA	١ ,	Country	USA		Citize	nship	USA
Post Office Address			28	75 Bo	nds La	ke Road				
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City	Conyers	State	G	SA	ZIP	30012	Cou	ntry	U	SA
Name of Addition	nal Joint Inventor, if an	y:			A petition	n has been file	ed for th	nis unsigr	ned inv	entor
Given Nar	ne (first and middle [if any]))				Family Na	me or	Sumame		
	Philip					LA	USIE	R		
Inventor's Signature	Date									
Residence: City	Canton	State	G	GA Country USA Citizenship US					USA	
Post Office Address			100	5 Iron	Mount	ain Road				!
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City	Canton	State	G	SA	ZIP	30115		Country		USA



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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 2

Name of Addition	al Joint Inventor, if any	:			A petitio	n has been file	d for t	his unsign	ed inve	entor
Given Nan	ne (first and middle [if any])					Family Na	me or	Surname		
	Mark					KAL	.MBA	.CH		
Inventor's Signature							,	Date		
Residence: City	Round Rock	State	TX		Country	USA		Citizens	hip	USA
Post Office Address			2928	Се	dar Cre	est Circle		,		
Post Office Address										
City	Round Rock	State	TX		ZIP	78664	Count	ry	US	A
Name of Addition	al Joint Inventor, if any:									entor
Given Nar	ne (first and middle [if any])					Family Na	me or	Surname	_	
	Aaron D. Falk									
Inventor's Signature								Da	te	
Residence: City	Norwalk	State	СТ		Country	USA		Citize	nship	USA
Post Office Address			4	65 F	lax Hil	l Road				
Post Office Address										
City	Norwalk	State	СТ	Γ	ZIP	06854	Cou	untry	U	SA
Name of Addition	nal Joint Inventor, if any	<i>y</i> :]			A petitio	n has been fil	ed for	this unsigi	ned inv	entor
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Attorney Docket Number 4940/1D **DECLARATION FOR UTILITY OR** Vivian Pecus et al. **First Named Inventor DESIGN** COMPLETE IF KNOWN PATENT APPLICATION 09 / 960,605 (37 CFR 1.63) Application Number September 21, 2001 Filing Date ☐ Declaration ▼ Declaration 2661 OR Submitted Submitted after Initial Group Art Unit Filing (surcharge (37 CFR 1.16 (e)) with Initial To be assigned **Examiner Name** Filing required)

As a below named inven	tor, I hereby declare that:										
My residence, post office	address, and citizenship are	as stated below next to my	name.								
names are listed below) o	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: LARGE EDGE NODE FOR SIMULTANEOUS VIDEO ON DEMAND AND LIVE STREAMING OF SATELLITE DELIVERED CONTENT										
the specification of which (Title of the Invention) Is attached hereto OR W was filed on (MM/DD/YYYY) 09/21/2001 as United States Application Number or PCT International											
Application Number 09/960,605 and was amended on (MM/DD/YYYY) (if applicable).											
	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.										
	disclose information which is		defined in 37 CF	R 1.56.							
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Prior Foreign Application		Foreign Filing Date	Priority	Certified Co	py Attached?						
Number(s)	Country	(MM/DD/YYYY)	Not Claimed	YES	NO						
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto											
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below											
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David Loewenstein 35,591 Katrine A. Levin 41,941 Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached horeign													
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		Vivia	n			J			PEC	cus		فأنب	
Inventor's Signature											Date	44	
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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 2

OIPE	Name of Addition	al Joint Inventor, if any	:	_		A petition	n has been file	d for this	s unsigned	inventor
4 2 200	Given Nan	ne (first and middle [if any])					Family Nar	ne or S	urname	
JAN 1 8 200	E CE	Christopher					BE	NDEN	l 	
JAN 1 8 ZUN	triventor's Signature	CX Dendi	n	,					Date	11/24/01
	Residence: City	Woodford	State	VA		Country	USA		Citizenship	USA
	Post Office Address			8468	Gui	nea Sta	ntion Road			
	Post Office Address		1			<u> </u>				
	City	Woodford	State	VA	١	ZIP	22580	Country		USA
	Name of Addition	nal Joint Inventor, if any	/ :			A petitio	n has been file	ed for thi	s unsigned	inventor
	Given Na		Family Name or Sumame							
			BULLOCK							
	Inventor's Signature						,	Date		
	Residence: City	Conyers	State	State GA		Country	USA		Citizensh	_{ilp} USA
	Post Office Address		2875 Bonds Lake Road NW							
	Post Office Address									
	City	Conyers	State	G	Α	ZIP	30012	Coun	itry	USA
	Name of Addition	nal Joint Inventor, if any	y:			A petition	on has been file	ed for th	is unsigned	l inventor
	Given Na	me (first and middle [if any])					Family Na	me or S	Surname	
		Philip C.					L/	USIEF	₹	
	Inventor's Signature								Date	
	Residence: City Canton			G	Α	Country	USA	١	Citizens	nip USA
	Post Office Address		100	5 Iro	n Moun	tain Road				
	Post Office Address								———	
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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page _1_ of _2_

Name of Addition	al Joint Inventor, if any	<u>/:</u>			A petitio	n has been file	d for th	nis unsigr	ed inv	entor	
Given Nan	ne (first and middle [if any])			Family Name or Surname							
	Christopher			BENDEN							
Inventor's Signature								Date			
Residence: City	Woodford State VA				Country			Citizens	hip	USA	
Post Office Address			8468	Guin	nea Sta	tion Road					
Post Office Address											
City	Woodford	State	VA	\	ZIP	22580	Count	TY .	US	SA .	
Name of Addition	nal Joint Inventor, if an	y:			A petitio	n has been file	d for th	nis unsigr	ned inv	entor	
Given Nar	ne (first and middle [if any])					Family Na	me or	Sumame			
	David Lynn BULLOCK										
Inventor's Signature	Con Lynn	Bulli						/// Da	30/01 te		
Residence: City	Conyers	State	GA	, ,	Country	USA		Citize	nship	USA	
Post Office Address			2875	Bono	ds Lake	Road NW					
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	Philip C.					LA	USIE	R			
Inventor's Signature								Da	te		
Residence: City	Canton	State	GA Country USA Citizenship US						USA		
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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page _1_ of _2_

Name of Addition	onal Joint Inventor, if a	ny:			A petiti	on has been fil	ed for t	his unsi	gned in	ventor	
Given Na	ame (first and middle [if an	y])		Family Name or Surname							
	Christopher			BENDEN							
Inventor's Signature					_			Dat	e		
Residence: City	Woodford	State	VA		Country	USA		Citizensh		USA	
Post Office Address			8468	Gui	nea St	ation Road					
Post Office Address			•			· ·					
City	Woodford	State	VA		ZIP	22580	Countr	у	US	SA	
Name of Additio	nal Joint Inventor, if a	al Joint Inventor, if any:									
Given Na	ime (first and middle [if any		Family Name or Sumame								
	David Lynn				В	ULLO	CK				
Inventor's Signature								D	ate		
Residence: City	Conyers	State	GA		Country	USA		Citize	enship	USA	
Post Office Address			2875 E	Bond	ds Lake	e Road NW		•			
Post Office Address											
City	Conyers	State	GA		ZIP	30012	Coun	itry	U	SA	
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	Philip C.					LA	USIEF	3			
Inventor's Signature	Philip (, C	Za	e	Di	Í		Da	ite	11/28/01	
Residence: City	/ Canton	State	GA						USA		
Post Office Address			1005 I	ron	Mount	ain Road					
Post Office Address											
City	Canton	State	GA		ZIP	30115	C	ountry	ι	JSA	

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Patent and Trademary Office, U.S. DEPARTMENT OF COMMERCE

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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 2

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			nal Joint Inventor, if a	ny:			A petition	has been file	d for thi	s unsigned	I inventor	
P 7	AN 18 2007	Given Na	me (first and middle [if any	(])				Family Na	ne or S	urname		
EE.		, Co	Mark Russell					KAL	.MBAC	Н	-	
4	AN 18 ZUU	Inventor's Signature	Mart Rue	sel	2 1	Cal	lan	(Date	12/3/2001	
		Residence: City	Round Rock	State	TX		Country	USA	_	Citizenship	USA	
		Post Office Address			2928	B Ced	dar Cre	st Circle				
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	•	City	Round Rock	State	TX		ZIP	78664	Country		USA	
		Name of Addition	nal Joint Inventor, if a	ny:			A petition	has been file	d for this	s unsigned	l inventor	
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DECLARATION

REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)

Name	Registration Number	Name	Registration Number
Silvana Merlino Frederick Yu Brooke W. Quist James W. Woods Mauri Aven Franklin Abrams	Registration Number 44,237 45,251 45,030 47,184 42,275 43,457	Name	Registration Number



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PTO/SB/02B (3-97)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE valid OMB control number.

DECLARATION — Supplemental Priority Data Sheet

Additional foreign applications:								
Prior Foreign Application Number(s)	Country			Foreign Filing Date Priority (MM/DD/YYYY) Not Claimed		Certified Copy Attached? YES NO		
			<u> </u>	(11117)				
Additional provisional a	pplications:							
Application Number			Filing Date (MM/DD/YYYY)					
)/275,795 1/275,804			March 13, 2001 March 13, 2001				
60/275,804 60/275,813			March 13, 2001					
60/275,815				March	13, 2001			
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DECLARATION — Supplemental Priority Data Sheet

Additional foreign applications:								
Prior Foreign Application	on		Foreign Filing Date		Priority	Certified Copy Attached?		
Number(s)	Country		(MM/DD/YYYY)		Not Claimed	YES	NO	
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Additional provisional a								
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)/275,825			March 13, 2001 March 13, 2001				
)/275,826)/275,827			March 13, 2001 March 13, 2001				
60/275,838			March 13, 2001					
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Additional U.S. application	ons:			·				
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DECLARATION

REGISTERED PRACTITIONER **INFORMATION** (Supplemental Sheet)

Name	Registration Number	Name	Registration Number
Silvana Merlino Frederick Yu Brooke W. Quist James W. Woods Mauri Aven Franklin Abrams	Number 44,237 45,251 45,030 47,184 42,275 43,457	Name	Number



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PTO/SB/02B (3-97)

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DECLARATION — Supplemental Priority Data Sheet

Additional foreign applications:								
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Prior Foreign Application Number(s)	Country		Foreign Filing Date (MM/DD/YYYY)		Priority Not Claimed	YES NO		
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Additional provisional applications:								
Application Number			Filing Date (MM/DD/YYYY)					
60/275,795 60/275,804 60/275,813 60/275,815 60/275,816 60/275,817			March 13, 2001					
Additional U.S. application	ns:					····		
U.S. Parent Applicat Number	ion	PCT Paren Number	t	Parent Filing Date (MM/DD/YYYY) Parent Patent Number (if applicable)				



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Additional foreign applications:								
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Additional provisional applications: Application Number Filing Date (MM/DD/YYYY)								
	/275,825			Filing Date (MM/DD/YYYY) March 13, 2001				
60/275,825 60/275,826 60/275,838			March 13, 2001 March 13, 2001 March 13, 2001					
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